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**AB - J08196212 2-8mg of catalase, 5-10mg of glutathione, 0.05-2mg of sulphate 1-5mg of cysteine and 1-8mg of antioxidant per a cup of coffee are compounded.**

**- USE/ADVANTAGE - The additives are used by adding to a cup of coffee. Deterioration of quality of coffee is prevented. Aroma immediately after prepn. is maintained.**

**- (Dwg.1/2)**

**IW - ADDITIVE COFFEE PRESERVE AROMA COMPRISE CATALASE GLUTATHIONE SULPHATE CYSTEINE ANTIOXIDANT**

**IKW - ADDITIVE COFFEE PRESERVE AROMA COMPRISE CATALASE GLUTATHIONE SULPHATE CYSTEINE ANTIOXIDANT**

**NC - 001**

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**TI - Additives for coffee to preserve aroma - comprise catalase, glutathione, sulphate, cysteine and antioxidant**

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NIKKEN FOOD KK

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## (54) ADDITIVE MODIFIER FOR COFFEE

### (57)Abstract:

**PURPOSE:** To obtain the subject additive modifier capable of suppressing mutagenicity in coffee and preventing deterioration of quality with the lapse of time when coffee is made by blending a catalase with glutathione, a sulfuric acid salt, cysteine and antioxidant in specific amounts.

**CONSTITUTION:** This modifier is obtained by blending 2-8mg catalase with 5-10mg glutathione, 0.05-2mg sulfuric acid salt such as sodium sulfate or sodium hydrogensulfite, 1-5mg cysteine and 1-8mg antioxidant such as green tea- extracted polyphenol,  $\beta$ -carotene, vitamin E or vitamin B2 based on a cup of tea.

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## LEGAL STATUS

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